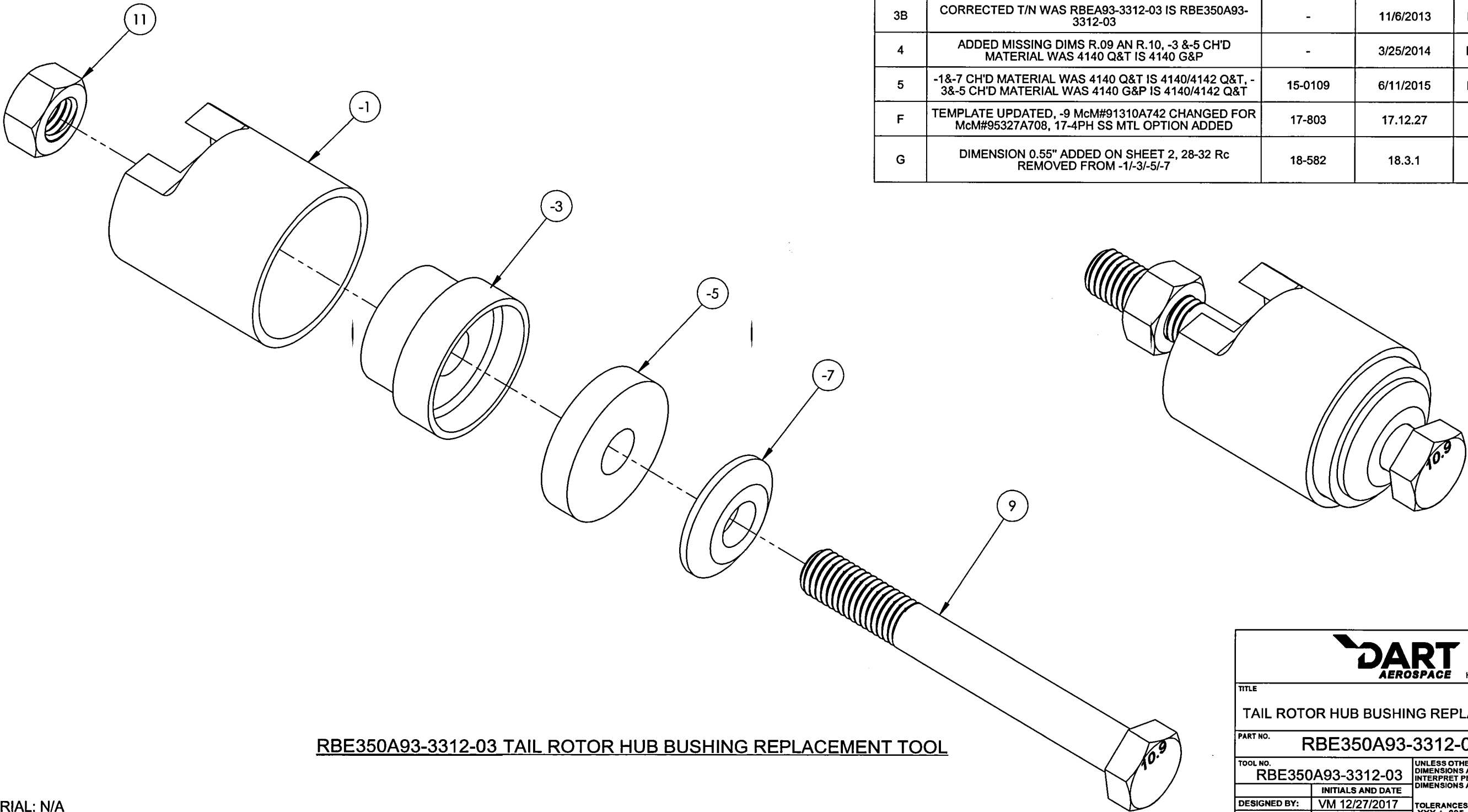


ITEM #	QTY	PART #	TITLE
-1	1	RBE350A93-3312-03-1	RECEIVER
-3	1	RBE350A93-3312-03-3	REMOVER / INSTALLER
-5	1	RBE350A93-3312-03-5	SEAT
-7	1	RBE350A93-3312-03-7	WASHER
9	1	McMaster#95327A708	HEX HEAD SCREW M12 x 1.75 x 100mm LG.
11	1	McMaster#90685A110	HEX NUT M12 x 1.75

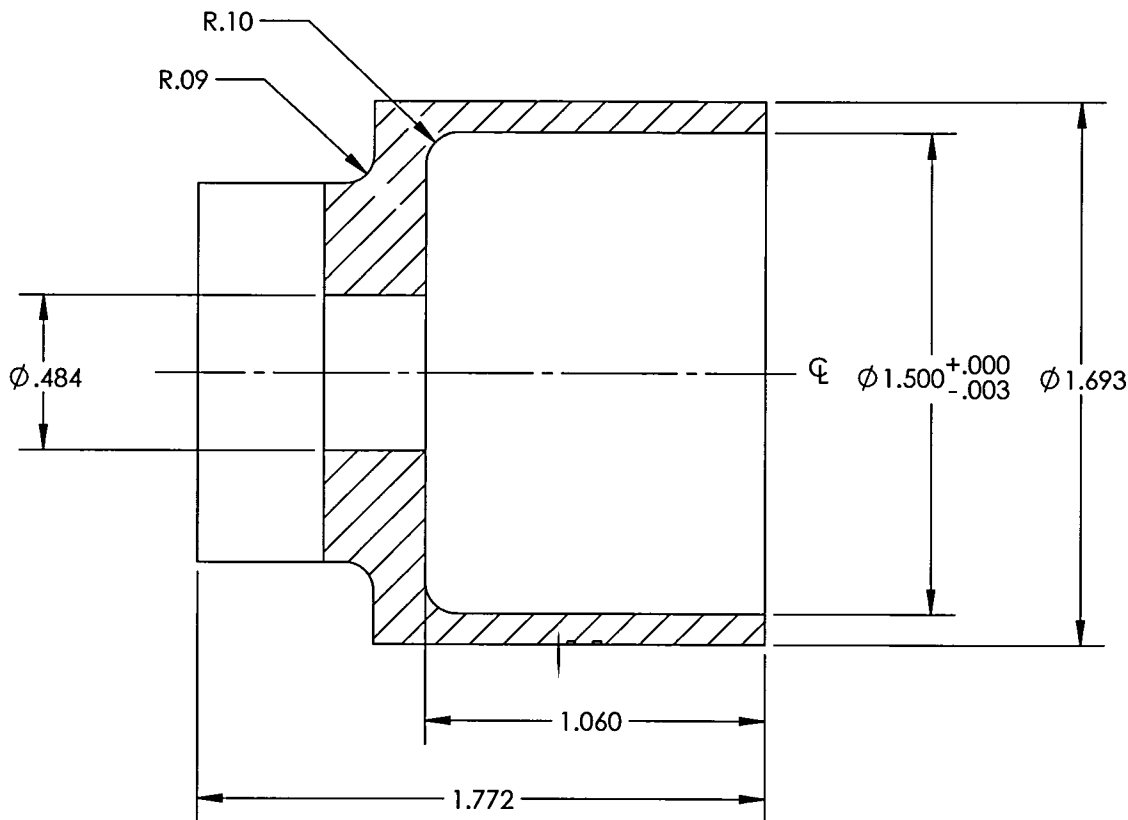
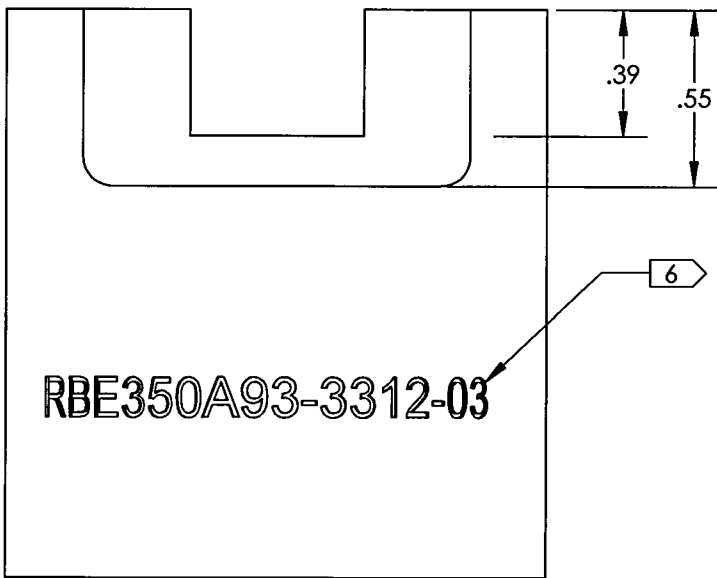
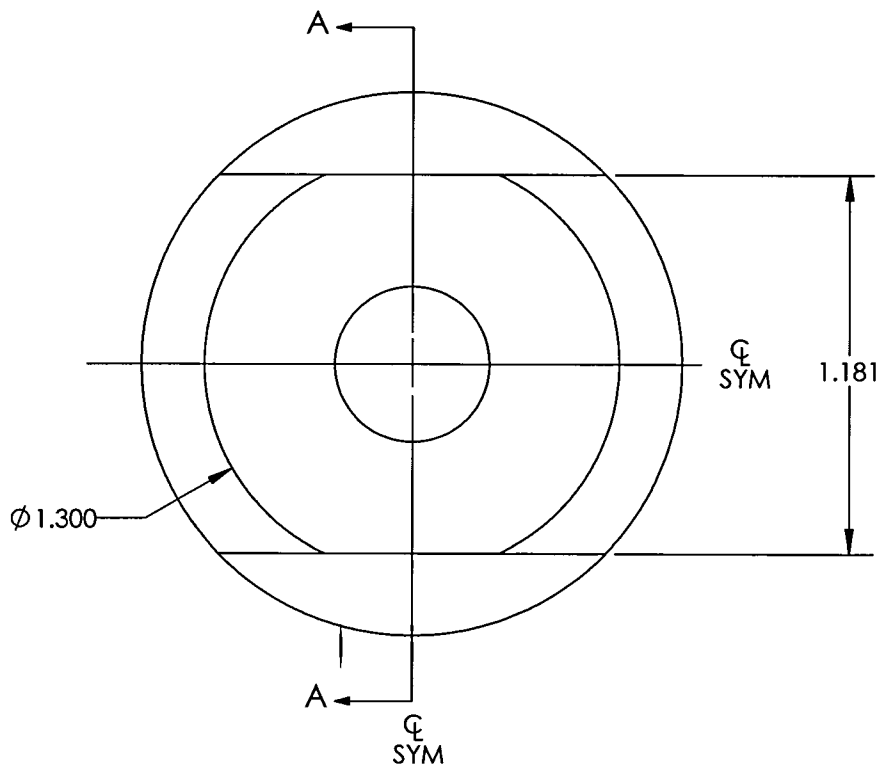
REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
1	-01 ADDED S/N, "MADE IN USA"	-	4/29/2009	RJC	-
2	CH'D ALL HOLES FROM 12.2mm TO 12mm FOR BETTER TOOL ALIGNMENT, CHANGES MADE TO MATCH CURRENT HELI-PRODUCTS TOOLS AND MORE OPEN TOLERANCES, -01 CH'D DEPTH FROM .984 TO 1.06, ADDED R12 FOR LOOSER TOLERANCE, -03 CH'D DIM FROM DIA 1.480 TO 1.487. FROM .939 TO .945, ADDED R.03, -05 CH'D DIM WAS DIA 1.480 IS 1.487	-	9/30/2009	WP	RW
3	-01 CH'D DIM WAS DIA 1.500 IS DIA 1.500 +0/-0.003	-	12/15/2010	RJC	RW
3A	-03 ADDED MISSING DIM .325	-	9/20/2011	RJC	GE
3B	CORRECTED T/N WAS RBEA93-3312-03 IS RBE350A93-3312-03	-	11/6/2013	RJC	RW
4	ADDED MISSING DIMS R.09 AN R.10, -3 & -5 CH'D MATERIAL WAS 4140 Q&T IS 4140 G&P	-	3/25/2014	DPD	GE
5	-1&-7 CH'D MATERIAL WAS 4140 Q&T IS 4140/4142 Q&T, -3&-5 CH'D MATERIAL WAS 4140 G&P IS 4140/4142 Q&T	15-0109	6/11/2015	RJC	JAG
F	TEMPLATE UPDATED, -9 McM#91310A742 CHANGED FOR McM#95327A708, 17-4PH SS MTL OPTION ADDED	17-803	17.12.27	VM	ML
G	DIMENSION 0.55" ADDED ON SHEET 2, 28-32 Rc REMOVED FROM -1/-3/-5/-7	18-582	18.3.1	VM	ML



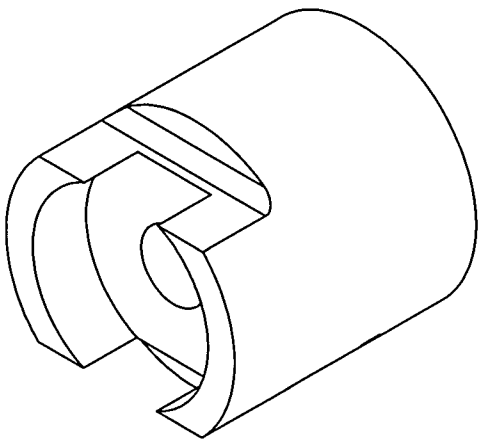
NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) SPEC: N/A
5) BREAK ALL SHARP EDGES: N/A
6) IDENTIFICATION: N/A

DART AEROSPACE Hawkesbury, Ontario, Canada			
TITLE TAIL ROTOR HUB BUSHING REPLACEMENT TOOL			
PART NO. RBE350A93-3312-03			REV G
TOOL NO. RBE350A93-3312-03		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY:	VM 12/27/2017	TOLERANCES: .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACE ROUGHNESS	
DRAWN BY:	VM 03/01/2018		
CHECKED BY:	VM 03/01/2018		
MFG REVIEW BY:	JFC 03/01/2018		
APPROVED BY:	ML 03/01/2018	SCALE: NTS	SHEET 1 OF 5
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REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
F	TEMPLATE UPDATED, DIMENSION .473 CHANGED TO .484, MACHINE ENGRAVE S/N & MADE IN USA REMOVED, SPEC FOR BLACK OXIDE CHANGED, DIMENSION .54 REF ADDED, 17-4PH SS MTL OPTION ADDED	17-803	17.12.27	VM	ML
G	DIMENSION .55" & .39 ADDED, 28-32 Rc REMOVED	18-582	18.3.1	VM	ML



SECTION A-A

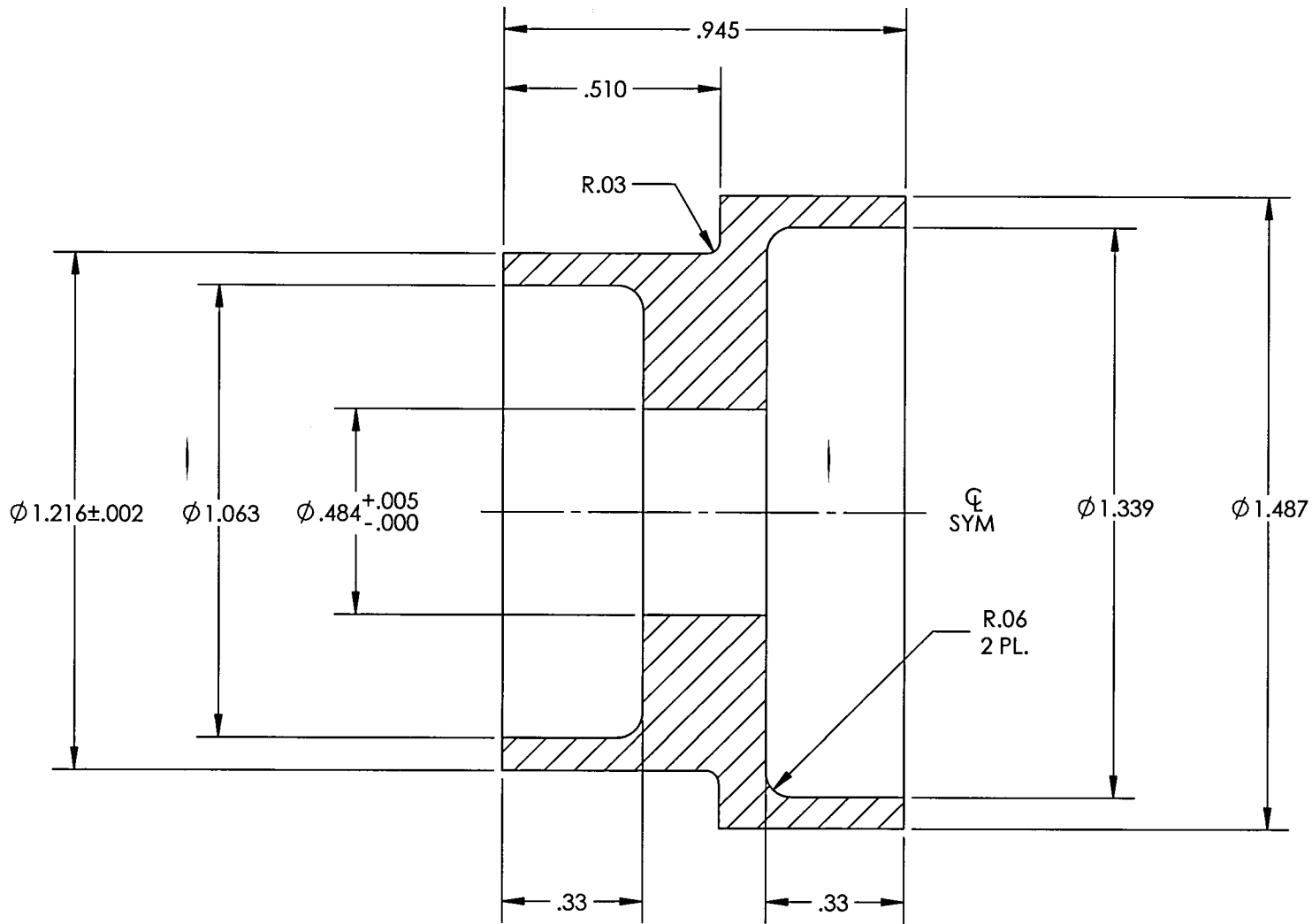
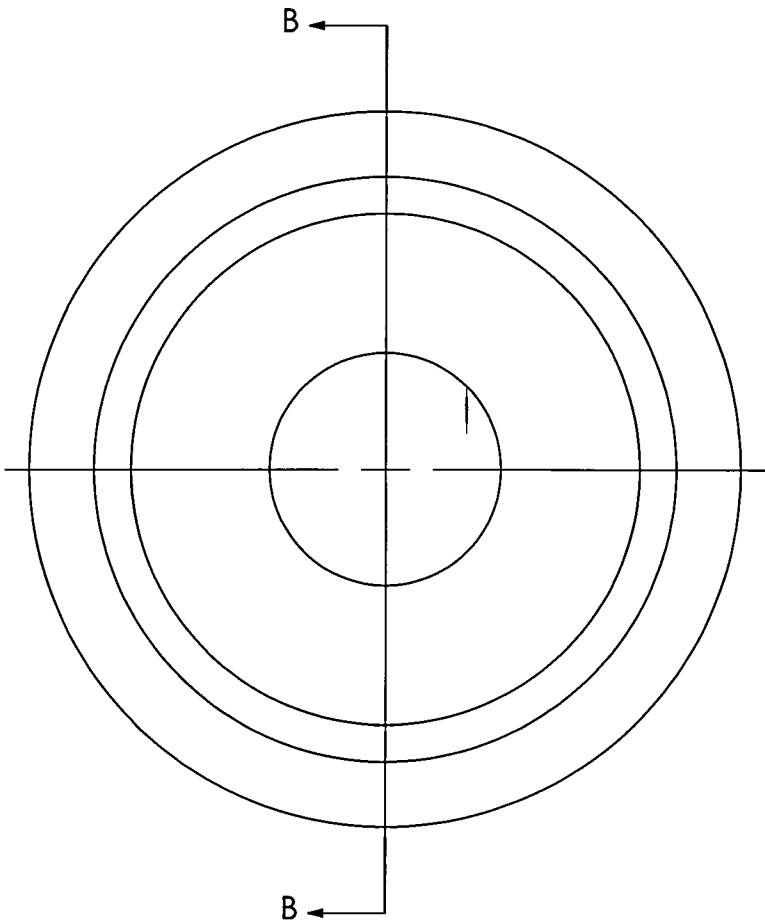
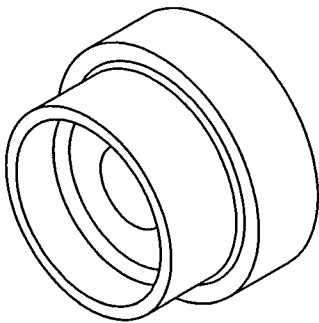


RBE350A93-3312-03-1 RECEIVER

- NOTES:
- 1) MATERIAL: 4140/4142 OR 17-4PH-H900 SS
 - 2) HEAT TREAT: N/A
 - 3) FINISH: 4140/4142 = BLACK OXIDE / 17-4PH = NONE
 - 4) SPEC: 4140/4142 = MIL-C-13924, CLASS 1; MIL-C-16173 GRADE 4 / 17-4PH = N/A
 - 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
 - 6) IDENTIFICATION: MACHINE ENGRAVE T/N "RBE350A93-3312-03", 0.010" DEEP

DART AEROSPACE Hawkesbury, Ontario, Canada			
TITLE RECEIVER			
PART NO. RBE350A93-3312-03-1			REV G
TOOL NO. RBE350A93-3312-03		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY:	VM 12/27/2017	TOLERANCES:	
DRAWN BY:	VM 03/01/2018	.XXX ± .005 FRACTIONS ± 1/8	
CHECKED BY:	VM 03/01/2018	.XX ± .01 ANGLES ± .5°	
MFG REVIEW BY:	DD 03/01/2018	.X ± .1 SURFACE ROUGHNESS	
APPROVED BY:	ML 03/01/2018	SCALE: NTS	SHEET 2 OF 5
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REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
F	DIMENSION .473 CHANGED TO .484, TEMPLATE UPDATED, SPEC FOR BLACK OXIDE CHANGED, 17-4PH SS MTL OPTION ADDED	17-803	17.12.27	VM	ML
G	28-32 Rc REMOVED	18-582	18.3.1	VM	ML



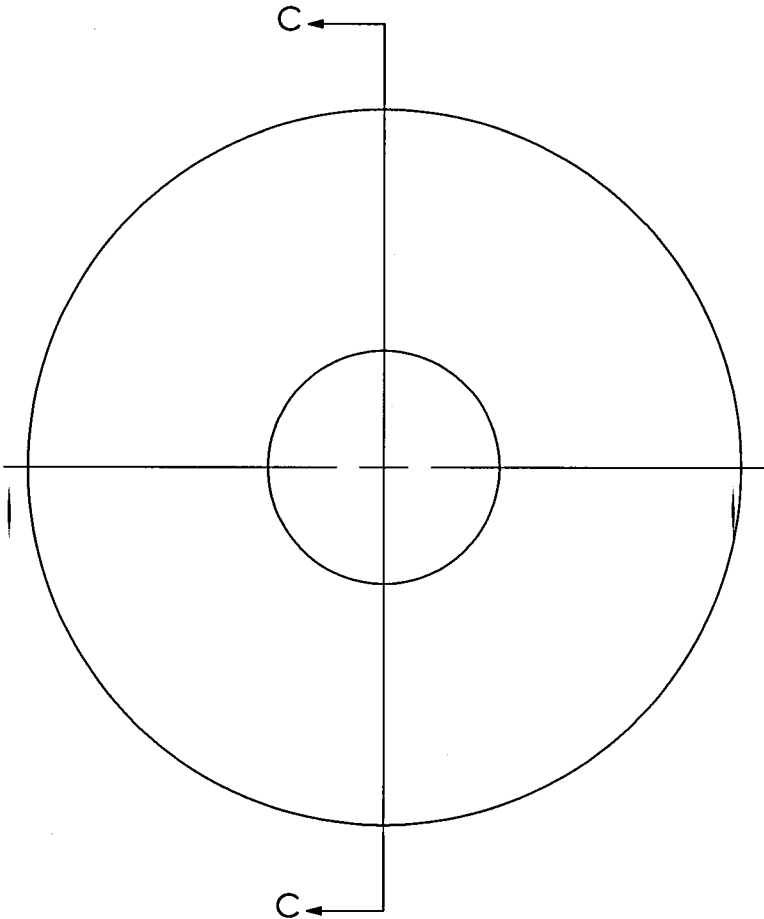
RBE350A93-3312-03-3 REMOVER / INSTALLER

SECTION B-B

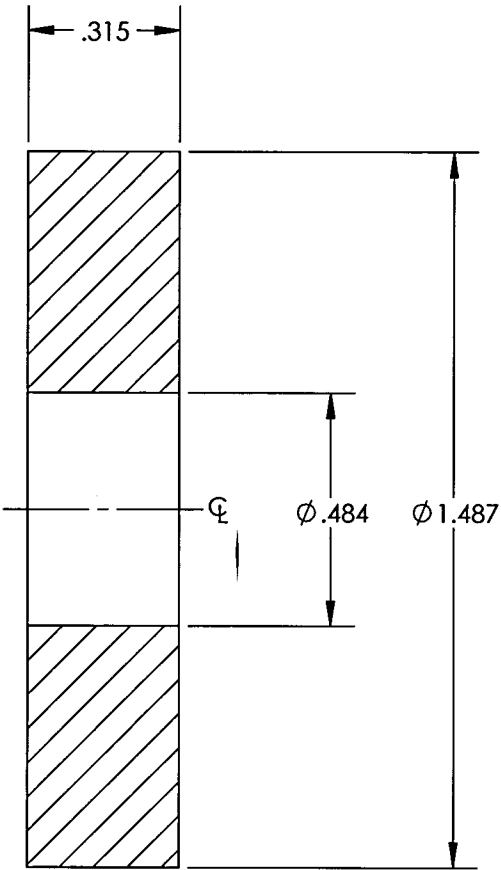
- NOTES:
- 1) MATERIAL: 4140/4142 OR 17-4PH-H900 SS
 - 2) HEAT TREAT: N/A
 - 3) FINISH: 4140/4142 = BLACK OXIDE / 17-4PH = NONE
 - 4) SPEC: 4140/4142 = MIL-C-13924, CLASS 1; MIL-C-16173 GRADE 4 / 17-4PH = N/A
 - 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
 - 6) IDENTIFICATION: N/A

 DART AEROSPACE Hawkesbury, Ontario, Canada			
TITLE REMOVER / INSTALLER			
PART NO. RBE350A93-3312-03-3			REV G
TOOL NO. RBE350A93-3312-03		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY:	VM 12/27/2017	TOLERANCES:	
DRAWN BY:	VM 03/01/2018	.XXX ± .005 FRACTIONS ± 1/8	
CHECKED BY:	VM 03/01/2018	.XX ± .01 ANGLES ± .5°	
MFG REVIEW BY:	JFC 03/01/2018	.X ± .1 SURFACE ROUGHNESS	
APPROVED BY:	ML 03/01/2018	SCALE: NTS	SHEET 3 OF 5
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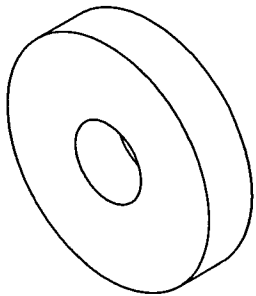
REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
F	DIMENSION .473 CHANGED TO .484, TEMPLATE UPDATED, SPEC FOR BLACK OXIDE CHANGED, 17-4PH SS MTL OPTION ADDED	17-803	17.12.27	VM	ML
G	28-32 Rc REMOVED	18-582	18.3.1	VM	ML




RBE350A93-3312-03-5 SEAT



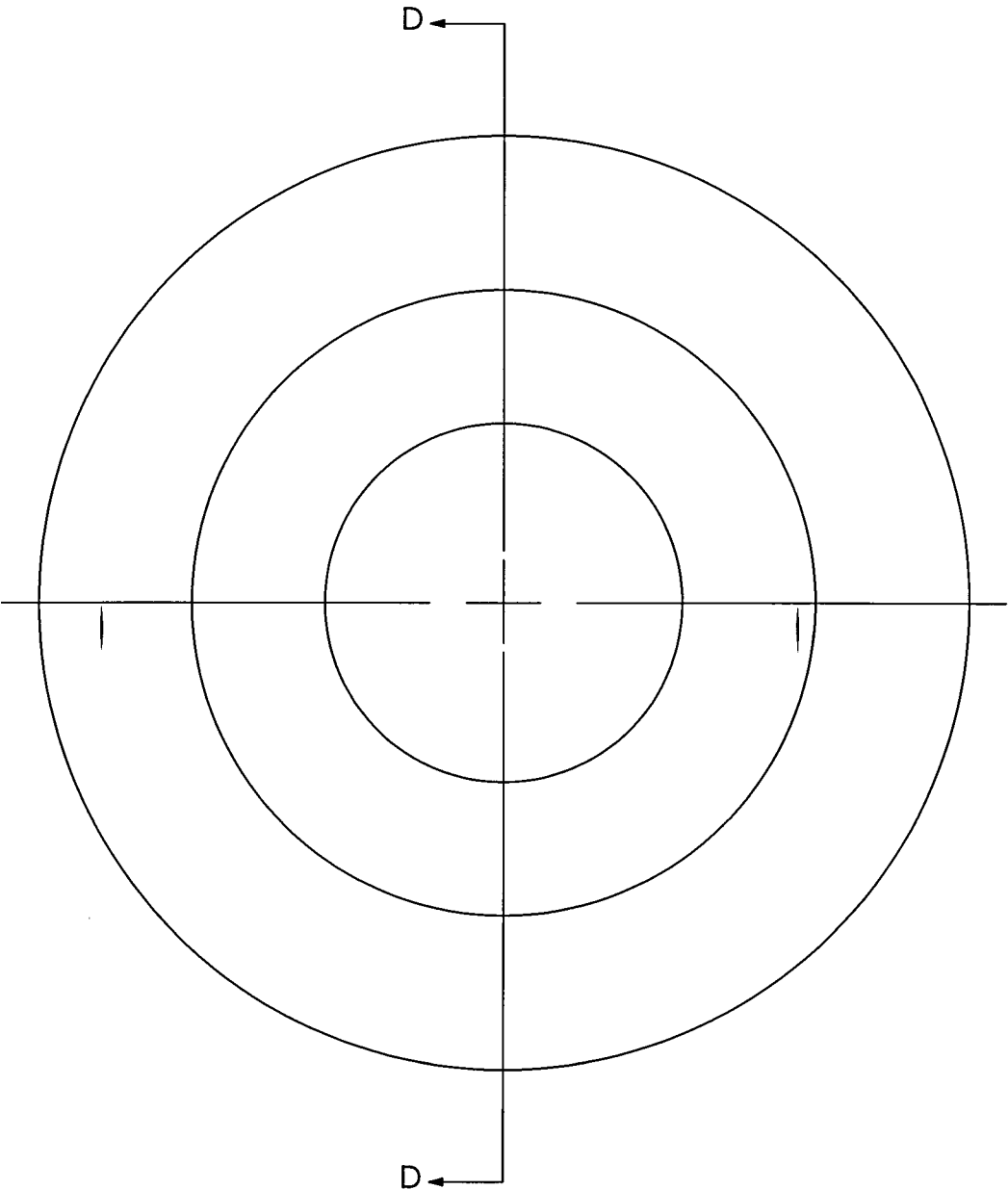
SECTION C-C



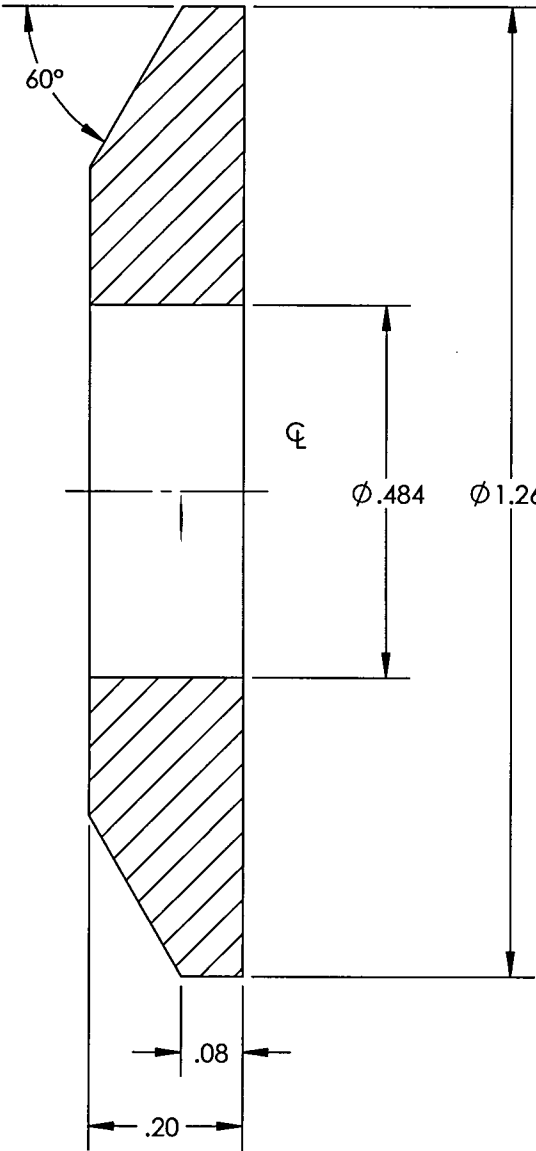
- NOTES:
- 1) MATERIAL: 4140/4142 OR 17-4PH-H900 SS
 - 2) HEAT TREAT: N/A
 - 3) FINISH: 4140/4142 = BLACK OXIDE / 17-4PH = NONE
 - 4) SPEC: 4140/4142 = MIL-C-13924, CLASS 1; MIL-C-16173 GRADE 4 / 17-4PH = N/A
 - 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
 - 6) IDENTIFICATION: N/A

 <small>Hawkesbury, Ontario, Canada</small>			
TITLE SEAT			
PART NO. RBE350A93-3312-03-5			REV G
TOOL NO. RBE350A93-3312-03		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
INITIALS AND DATE			
DESIGNED BY:	VM 12/27/2017	TOLERANCES:	
DRAWN BY:	VM 03/01/2018	XXX ± .005	FRACTIONS ± 1/8
CHECKED BY:	VM 03/01/2018	XX ± .01	ANGLES ± .5°
MFG REVIEW BY:	JFC 03/01/2018	X ± .1	SURFACE ROUGHNESS
APPROVED BY:	ML 03/01/2018	SCALE: NTS	SHEET 4 OF 5
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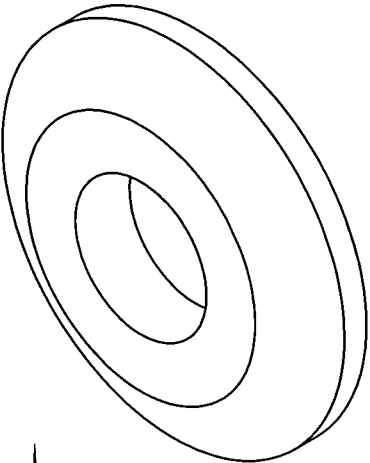
REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
F	DIMENSION .473 CHANGED TO .484, DIMENSION .079 CHANGED TO .08, DIMENSION .197 CHANGED TO .20 BLACK OXIDE SPEC CHANGED, TEMPLATE UPDATED, 17-4PH SS MTL OPTION ADDED	17-803	17.12.27	VM	ML
G	28-32 Rc REMOVED	18-582	18.3.1	VM	ML



RBE350A93-3312-03-7 WASHER



SECTION D-D



- NOTES:
- 1) MATERIAL: 4140/4142 OR 17-4PH-H900 SS
 - 2) HEAT TREAT: N/A
 - 3) FINISH: 4140/4142 = BLACK OXIDE / 17-4PH = NONE
 - 4) SPEC: 4140/4142 = MIL-C-13924, CLASS 1; MIL-C-16173 GRADE 4 / 17-4PH = N/A
 - 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
 - 6) IDENTIFICATION: N/A

 <small>Hawkesbury, Ontario, Canada</small>			
TITLE WASHER			
PART NO. RBE350A93-3312-03-7			REV G
TOOL NO. RBE350A93-3312-03		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY:	VM 12/27/2017	TOLERANCES:	
DRAWN BY:	VM 03/01/2018	XXX ± .005	FRACTIONS ± 1/8
CHECKED BY:	VM 03/01/2018	XX ± .01	ANGLES ± .5°
MFG REVIEW BY:	JFC 03/01/2018	X ± .1	SURFACE ROUGHNESS
APPROVED BY:	ML 03/01/2018	SCALE: NTS	SHEET 5 OF 5
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